Title: A Method to Reduce Transcriptional Interference Between Tandem Genes

Inventor: Malla Padidam

Agent: Camille Jolly-Tornetta, Reg. No. 48,592

Tel. No.: 215-619-5665

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FIG. 1(A)

CsVMV LUC NOSt

LUC gene

E35S-TEV GFP 35St

GFP gene

35S RLUC NOSt

RLUC gene

FIG. 1(B)

CSVMV LUC NOST E35S-TEV GFP 35ST

CSVMV LUC NOST 35ST GFP TEV-E35S

LUC > < GFP

35ST GFP TEV-E35S CSVMV LUC NOST

GFP < > LUC

E35S-TEV GFP 35ST CSVMV LUC NOST

FIG. 1(C)

FIG. 1(D)

35St RLUC 35S NOSt LUC CsVMV GVE NOSt M35S-5xGAL

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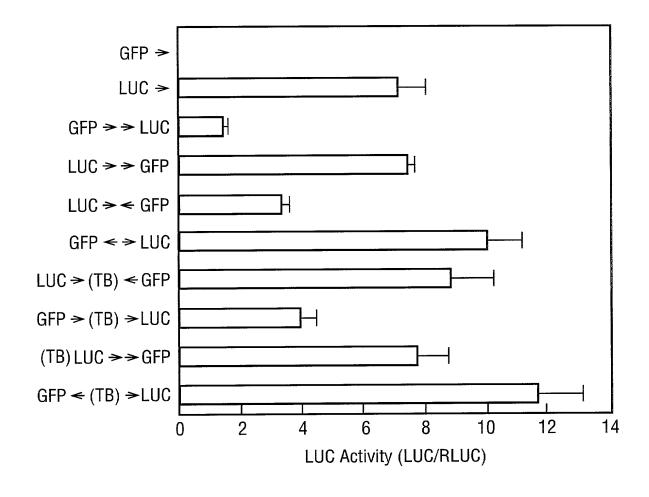
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FIG. 2



MINE DESIGNATION OF STREET

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FIG. 3

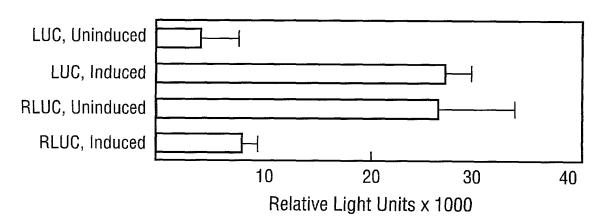
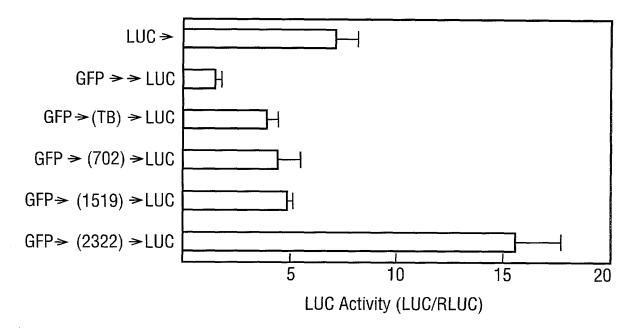


FIG. 4



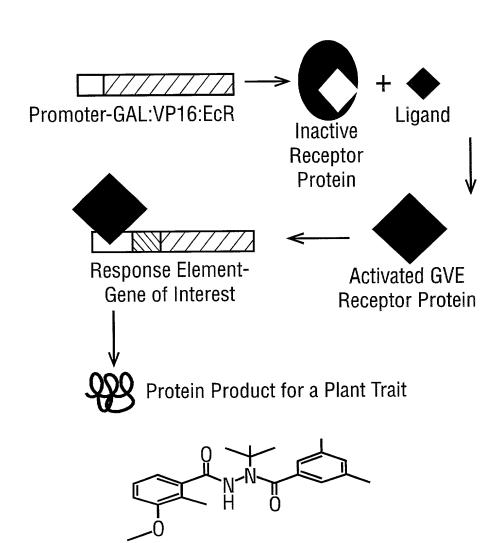
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FIG. 5
EcR-based Inducible Gene Expression System



Ligand Methoxyfenozide

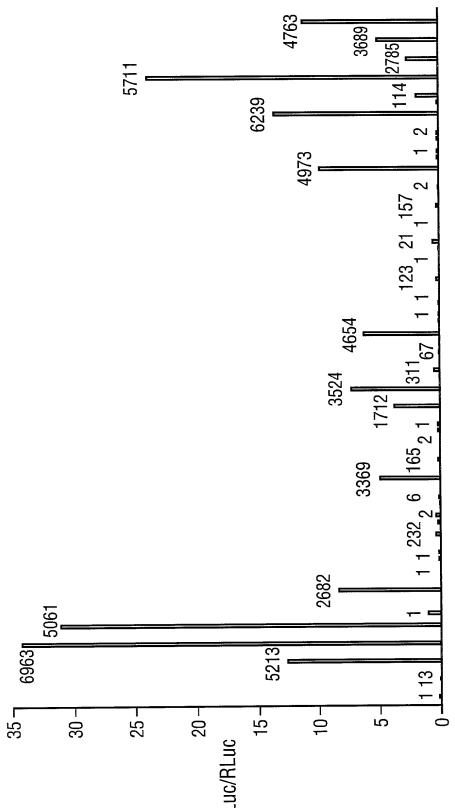
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FIG. 6

GVE - Luc, tail-to-tail, Arabidopsis, TO



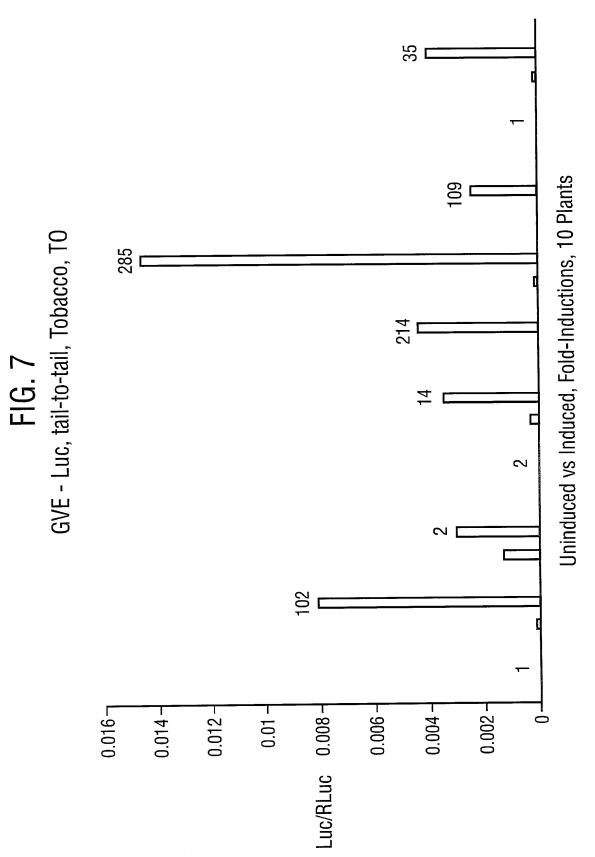
Uninduced vs Induced, Fold-Inductions, 38 Plants

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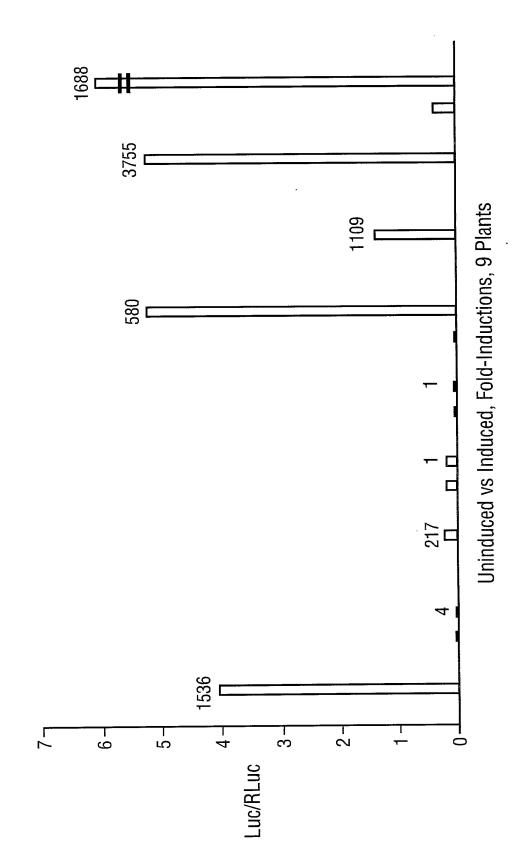
Agent: Camille Jolly-Tornetta, Reg. No. 48,592 Tel. No.: 215-619-5665 Sheet 7 of 12

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GVE - Luc, head-to-tail, Arabidopsis, TO



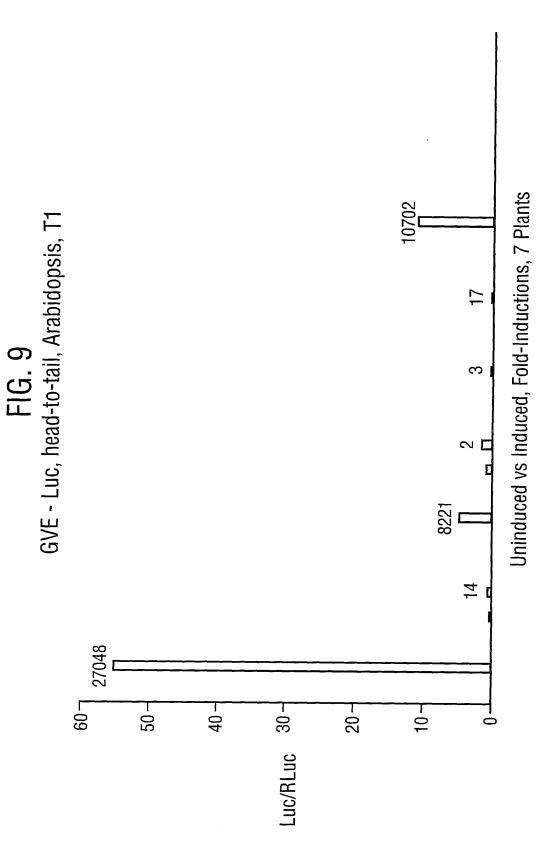
DN A01183 Title: A Method to Reduce Transcriptional Interference Between Tandem Genes

Inventor: Malla Padidam Agent: Camille Jolly-Tornetta, Reg. No. 48,592 Tel. No.: 215-619-5665

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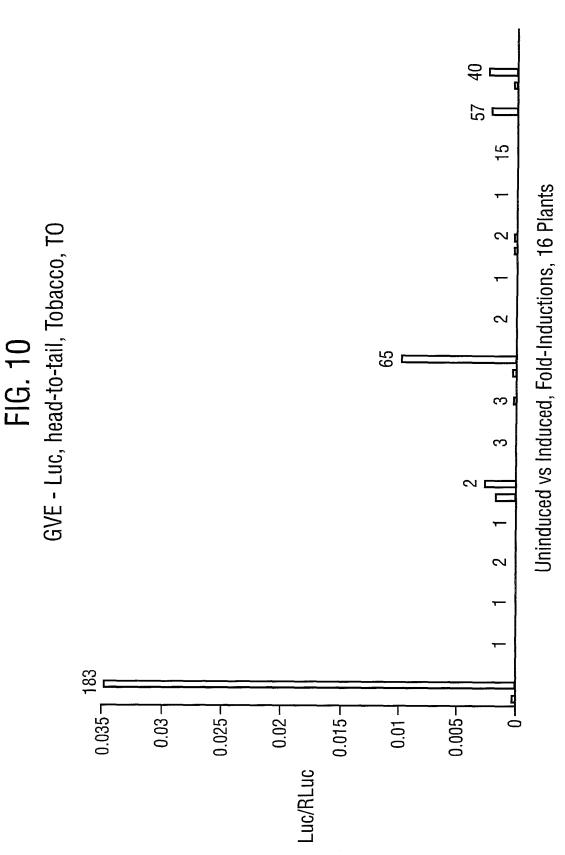
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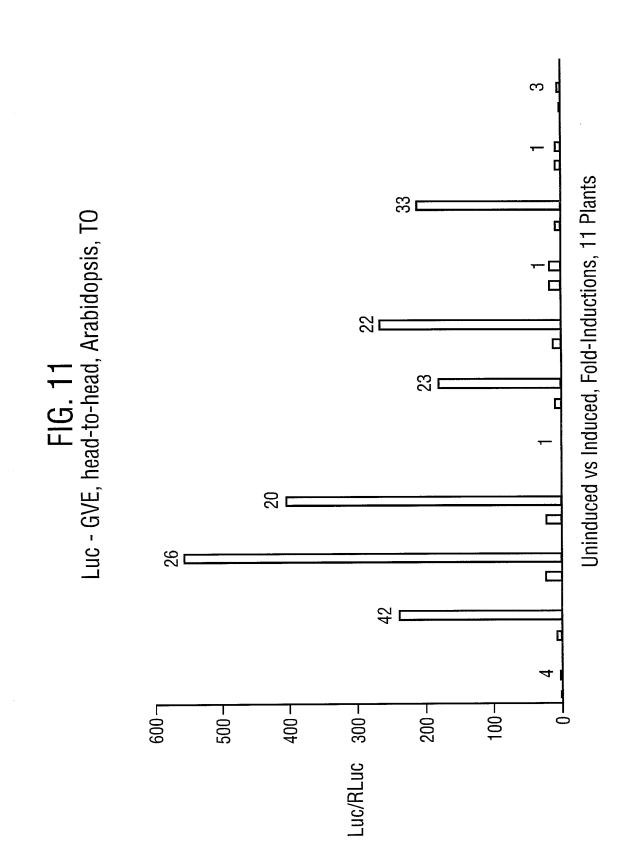


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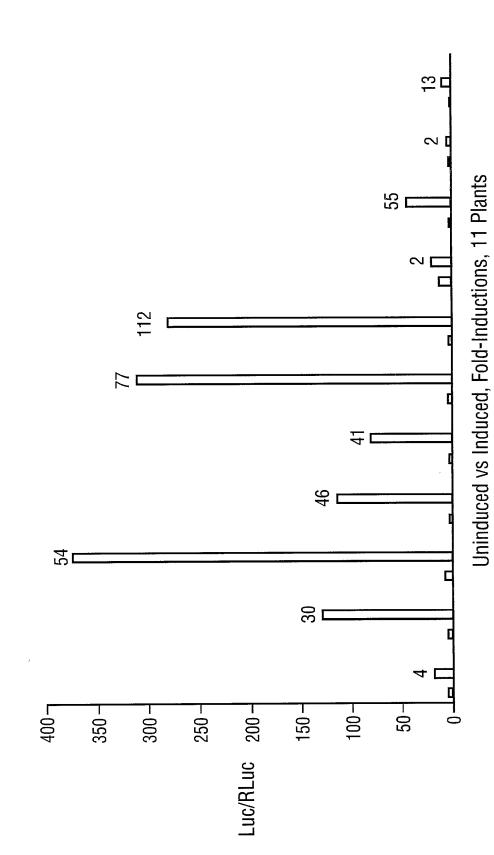
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FIG. 12 Luc - GVE, head-to-head, Arabidopsis, T1

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